Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 14 Jan 2021 until 23:59 on Friday 15 Jan 2021

Forecast Issued on Thursday 14 Jan 2021 at 04:55

Confidence: High for the general themes. Low confidence for the intensity and heights of snow during Thursday and Saturday.

Headline for Thursday 14 Jan 2021: Sleet or snow, easing in the afternoon. Low cloud.

Mountain weather hazards on Thursday 14 Jan 2021

Blizzards
No Likelihood

Heavy Snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Light snow	Light snow	Light snow
Precipitation probability					
90%	70%	60%	50%	30%	30%

Forecast for Thursday 14 Jan 2021

Weather: A cold day with extensive low cloud. Outbreaks of snow down to about 200 or 300m initially. The snow turning heavy and persistent at times this morning, becoming light and patchy in the afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: Almost zero chance due to extensive low cloud.

Visibility: Very poor at most elevations with extensive cloud cover and falling snow above 200 or 300m. Generally hazy below the cloud base.

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Forecast for Thursday 14 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/22 E	13/21 E	13/20 E	9/14 E	5/10 E	4/6 W	3/6 SE
300	16/30 E	8/18 E	8/17 E	6/13 E	4/8 SE	2/6 E	3/5 E
Valley	12/25 E	8/19 E	8/17 E	6/13 E	3/8 E	2/4 E	2/4 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	-1/-7	-1/-7	-2/-6	-2/-5	-2/-4	-2/-4
300	1/-5	0/-4	0/-3	0/-3	0/-2	0/-2	-0/-2
Valley	2/-2	1/-3	2/-2	2/-1	2/0	2/0	1/-1
Freezing Level*	400m	300m	300m	300m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good navigation skills will be required. Very icy conditions expected underfoot as freezing level lowers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 14 Jan 2021	17.4mm	17.6mm	35mm

Forecast for Friday 15 Jan 2021

Weather: Cloudy overnight and during the morning with the odd flurry of sleet or snow. A little brightness in the afternoon across northern and eastern hills but cloudy elsewhere.

Maximum wind: South or SE 5-10mph, increasing to 15mph in afternoon then 20 gusts 30mph in evening.

Chance of cloud free mountain/hill tops above 600m: 10% in morning, becoming 70% in the afternoon with best chance over northern and eastern hills.

Visibility: Extensive low cloud with bases 200-300m overnight and in the morning, rising to 700m in the afternoon. Generally hazy below the cloud base with distant hills obscured.

Temperature: **Valleys:** Plus 1 to 3C.
At 600m: Minus 1C.
Freezing level: 500m.

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